

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q83955

Masatsugu NAKANO, et al.

Appln. No.: National Stage Entry of PCT/JP03/04779

Confirmation No.: NOT YET ASSIGNED

Group Art Unit: NOT YET ASSIGNED

Filed: October 07, 2004

Examiner: NOT YET ASSIGNED

For: ROTATION ANGLE DETECTION DEVICE AND DYNAMO-ELECTRIC MACHINE USING  
THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

A copy of an International Search Report in a counterpart application is submitted herewith. The USPTO should receive copies of the references cited in the International Search Report from the International Bureau. Applicant will furnish any missing references upon request.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT  
PCT/JP03/04779

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

**An English abstract, submitted herewith, constitute a concise statement of relevance for Japanese Patent No. 3103487, also corresponds to Japanese Patent Laid-Open No. 08-178610.**

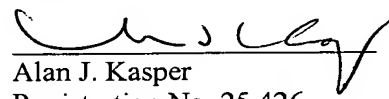
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

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Respectfully submitted,

  
Alan J. Kasper  
Registration No. 25,426

Date: October 7, 2004

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Application Number

National Stage Entry of  
PCT/JP03/04779

Confirmation Number

Not yet assigned

Filing Date

October 07, 2004

First Named Inventor

Masatsugu NAKANO

Art Unit

Not yet assigned

Examiner Name

Not yet assigned

Attorney Docket Number

Q83955

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number |                                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|-----------------------|--------------------------|-----------------|-----------------------------------------|--------------------------------|-------------------------------------------------|
|                       |                          | Number          | Kind<br>Code <sup>2</sup><br>(if known) |                                |                                                 |
|                       |                          | US 5,446,966    | A                                       | 9/5/1995                       | Akira ISHIZAKI                                  |
|                       |                          | US 4,631,510    | A                                       | 12/23/1986                     | Powerton, division of Contraves Goerz Corp.     |
|                       |                          | US              |                                         |                                |                                                 |
|                       |                          | US              |                                         |                                |                                                 |
|                       |                          | US              |                                         |                                |                                                 |
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|                       |                          | US              |                                         |                                |                                                 |
|                       |                          | US              |                                         |                                |                                                 |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document      |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Translation <sup>6</sup> |
|-----------------------|--------------------------|------------------------------|---------------------|--------------------------------------|--------------------------------|----------------------------------------------------|--------------------------|
|                       |                          | Country<br>Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |                                                    |                          |
|                       |                          | EP                           | 595448              | A                                    | 5/4/1994                       | Tamagawa Seiki Kabushiki Kaisha                    |                          |
|                       |                          | JP                           | 59-56859            | A                                    | 4/2/1984                       | Yaskawa Electric Corp.                             |                          |
|                       |                          | JP                           | 49-124508           | A                                    | 11/28/1974                     | Yaskawa Electric Corp.                             | Abstract                 |
|                       |                          |                              |                     |                                      |                                |                                                    |                          |
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**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|-----------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
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Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.